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**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of claims:**

Claim 1 (Currently Amended): A method for producing a transformed monocot plant, comprising:

- (a) providing a monocot plant embryo,
- (b) introducing a nucleic acid into a monocot plant cell from the monocot plant embryo to produce a transformed plant cell;
- (c) culturing the transformed plant cell under dim light of approximately 10 to 30  $\mu$ E on an incubation medium comprising an auxin and a cytokinin for about 5 to 20 days to produce a transformed plant tissue that is green, shiny, nodular and compact as compared to ~~untransformed~~ monocot plant callus tissue; and  
culturing the transformed plant tissue on a regeneration medium to produce the transformed monocot plant.

Claim 2 (Original): The method of claim 1 wherein the auxin is selected from the group consisting of 2,4-dichlorophenoxyacetic acid, dicamba, naphthaleneacetic acid, indoleacetic acid, picloram, 2,4,5-trichlorophenoxyacetic acid and mixtures thereof.

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Claim 3 (Original): The method of claim 1 wherein the cytokinin is selected from the group consisting of 6-benzylaminopurine, zeatin, zeatin riboside, kinetin, 2iP, and mixtures thereof.

Claim 4 (Previously Presented): The method of claim 1 wherein the auxin is at a concentration of about 0.1 mg/L to about 5 mg/L.

Claim 5 (Previously Presented): The method of claim 1 wherein the cytokinin is at a concentration of about 0.01 mg/L to about 5 mg/L.

Claim 6 (Previously Presented): The method of claim 1 wherein the incubation medium further comprises copper at a concentration of about 0.1  $\mu$ M to about 50  $\mu$ M.

Claim 7 (Previously Presented): The method of claim 1 wherein the incubation medium further comprises a carbon source.

Claim 8 (Previously Presented): The method of claim 1, wherein the auxin is at a concentration of about 0.1 mg/L to about 5 mg/L and the cytokinin is at a concentration of about 0.1 mg/L to about 5 mg/L; and the incubation medium further comprises copper at a concentration of about 0.1  $\mu$ M to about 50  $\mu$ M, and maltose.

Claim 9 (Canceled)

Claim 10 (Original): The method of claim 1 further comprising selecting for the transformed plant cell by incubating the plant cell on a growth medium comprising a selective agent.

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Claim 11 (Previously Presented): The method of claim 1 wherein the step of introducing the nucleic acid comprises bombardment of the plant cell with microprojectiles coated with the nucleic acid.

Claim 12 (Original): The method of claim 11 wherein bombardment is performed at below 1300 psi.

Claim 13 (Previously Presented): The method of claim 12 wherein bombardment is performed at about 900 to about 1100 psi.

Claim 14 (Canceled).

Claim 15 (Previously Presented): The method of claim 1 wherein the monocot plant is selected from the group consisting of barley, oat, wheat, maize, rice, sorghum, orchardgrass, tall fescue, red fescue, creeping bentgrass and Kentucky bluegrass.

Claim 16 (Original): The method of claim 15 wherein the barley is selected from the group consisting of Golden Promise, Galena, Harrington, Morex, Moravian III, and Salome.

Claim 17 (Original): The method of claim 15 wherein the wheat is selected from the group consisting of Bobwhite, Anza, Yecora Rojo and Karl.

Claim 18 (Original): The method of claim 15 wherein the maize is H99 or B73.

Claim 19 (Original): The method of claim 15 wherein the rice is Taipei 309.

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Claim 20 (Original): The method of claim 15 wherein the orchardgrass is Rapido.

Claim 21 (Original): The method of claim 15 wherein the tall fescue is Ky 31.

Claim 22 (Original): The method of claim 15 wherein the red fescue is 43F-93.

Claim 23 (Original): The method of claim 15 wherein the creeping bentgrass is Putter.

Claim 24 (Original): The method of claim 15 wherein the Kentucky bluegrass is Kenblue.

Claims 25-42 (Canceled).

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